Deluxe Multimedia Platform with NVIDIA chipset

Barebone
SN68PTG6
Deluxe

The Glamor Series Shuttle XPC Barebone SN68PTG6 Deluxe with NVIDIA® GeForce® 7050PV chipset delivers an unprecedented performing integrated graphics solution with NVIDIA® PureVideo technology and HDMI output for richer graphics clarity and smoother video of high-definition contents from Blu-ray and HD DVD formats. Experience state-of-the-art sound quality provided by Dolby® Digital Live and DTS Connect functionality. The stylish looking G6 chassis also integrates Deluxe highlight such as Bluetooth, WLAN, USB SpeedLink and fingerprint reader.

Feature Highlight

G6 chassis	• Black G6 chassis made of aluminum • Bays: 1x 5.25“, 2x 3.5“
Special Deluxe Features	• Fingerprint Sensor • Speed-Link (USB network) • Wireless LAN 802.11b/g (54 Mbit/s) • Bluetooth 2.0 Dongle
Chipset	• NVIDIA chipset: GeForce 7050PV, nForce 630a • Integrated DirectX9 graphics 256MB shared memory, HDMI (DVI) und VGA
CPU	• Socket AM2 • Supports AMD Sempron, Athlon 64 and Athlon 64 X2 processors • Shuttle I.C.E. Heatpipe-cooling
Slots	• 1x PCI-Express (x16) • 1x PCI (32 Bit)
Memory	• Supports 2x DDR2-533/667/800 • Supports up to a total size of 4 GB
Drive connectors	• 2x Serial-ATA 3 Gb/s • 2x External Serial-ATA (eSATA) • 1x IDE ATA 133, 1x floppy
Other connectors	• 7.1 Audio, Dolby Digital Live / DTS Connect • 2x Firewire • USB 2.0 (2x front, 4x rear, 4x onb.) • GigaBit LAN
Power supply	• Efficient 300 Watt SilentX PSU
Application	• Home

Prduct ID: SN68PTG6 Deluxe
Order No: PC-SN68PTG6
UPC (see bar code)

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Shuttle XPC Barebone SN68PTG6 Deluxe – Special Product Features

The Shuttle XPC Glamor series is the keyword in artistic design from Shuttle.

There are different chassis designs to choose from. No matter whether it's for use in the home or the office, for high adrenaline or laid back users, there is a Shuttle XPC in the Glamor series to suit every taste. In addition to the newly designed front stripe, the front panel and cover of the G6 chassis are completely made of aluminium. This way, the brand new G6 chassis is added a very elegant touch making it popular among many users.

Speed-Link

File sharing among two PCs has never been easier with the innovative Speed-Link technology: simply connect both systems through an ordinary USB cable!

Fingerprint reader

With an added a layer of security protection thru the integrated biometric fingerprint reader, you can keep your digital identity and data more secure and no longer worry about having to memorize for memorizing multiple passwords.

WLAN and Bluetooth

The built-in Bluetooth 2.0 Dongle connects the Shuttle XPC with surrounding Bluetooth-capable peripherals. The integrated 802.11 b+g WLAN antenna make the Shuttle XPC ready for a wireless connectivity to Internet or to other home PCs.

Dual View Technology with HDMI and VGA

Dual View technology offers multiple display support on up to two separate monitors. This improves the capabilities and productivity of the user by allowing them to spread multiple windows over two monitors and view them simultaneously. The integrated NVIDIA® GeForce® 7-Series graphics processor delivers best-in-class 3D performance and leading graphics compatibility to play top games the way they are meant to be played.

Finest cinematic surround sound experience

What would a home theater be without booming, immersive 7.1 channel surround sound? Experience state-of-the-art sound quality provided by Dolby® Digital Live and DTS® Connect functionality.

External Serial ATA

The External SATA interface provides up to 6 times faster access to external storage solutions than USB 2.0 or Firewire.

New Era of All-Solid Capacitor Shuttle Mainboards

By using all-solid capacitors Shuttle mainboards provide industry leading stability, reliability and longevity for PC gaming and entertainment systems. The average lifespan for a solid capacitor is more than six times greater than the more common and less expensive electrolytic capacitors.

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Shuttle XPC Barebone SN68PTG6 Deluxe Specifications

Special Deluxe Features	Fingerprint recognition technology Speed-Link - easily connect 2 PCs via USB and share data Wireless LAN 802.11b/g, up to 54 Mbit/s data transfer rate Bluetooth 2.0 dongle
Chassis	G6-type aluminum chassis (optional G2/G5), black color The front panel features a extraordinary stylish strap. storage bays: 1 x 5.25", 2 x 3.5" (1 internal) dimensions: 31 x 20 x 18.5 cm (LWH), weight: 3.3 kg net / 4.6 kg gross
Mainboard	Shuttle FN68PT, Shuttle form factor, proprietary mainboard design for Shuttle XPC Barebone SN68PTG6 Chipset: NVIDIA GeForce 7050PV and nForce 630a (Codename: MCP 68PVNT) Solid Capacitors for excellent heat resistance for enhanced system durability Color slots/connectors design (Power switch, USB, PCIe, PCI) Dimensions: 25.4 x 18.5 cm
Power Supply	SilentX 300 Watt mini power supply unit Input voltage range: 100~240V Connectors: 20-pin ATX, 4-pin ATX12V Dimensions: 190 (L) x 82 (W) x 43 (H) mm EMI certified: FCC, CE, CCC Safety certified: TÜV, UL, CB, CCC, CSA, NEMKO Active PFC (Power Factor Correction)
Processor Support	Supports AMD Processors with AM2 socket: AMD Sempron, AMD Athlon 64, AMD Athlon 64 X2 and Phenom processors 1 GHz HyperTransport v1.0 Technology x16 Up/Down Please refer the support list for detailed processor support information.
*Overclocking *)*	User friendly overclocking features: Clock frequency: CPU, Memory, PCI-Express Voltage: CPU, Memory, PCI-Express, Chipset
Processor Cooling	Shuttle I.C.E. (Integrated Cooling Engine) advanced I.C.E. Heatpipe technology, linear controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow
Memory Support	2 x 240 pin slots, supports Dual Channel supports DDR2-533/667/800 SDRAM unbuffered memory (up to DDR2-1066 in overclocking mode*) up to a total size of 4 GB, max. 2 GB per DIMM
Expansion Slots	1x PCI-Express (16X) supports 8 GB/s data transfer 1 x PCI (32 bit)

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Integrated Graphics	Integrated graphics engine NVIDIA GeForce 7050PV Supports NVIDIA Pure Video technology Supports dual monitor operation via HDMI/DVI and VGA output Supports shader model 3.0 vertex/pixel processor NVIDIA CineFX 3.0 architecture NVIDIA Itellisample AA technology DirectX 9 support
8-channel Audio with DD/DTS	7.1 channel High Definition Audio, Realtek ALC888DD codec Supports Dolby® Digital Live! and DTS™ Connect (Digital Theater Systems) Analog: line-out (8-ch), line-in, microphone Digital: optical S/PDIF output
Gigabit-LAN Controller	Marvell 88E1116 Ethernet network controller (Gigabit PNY) PCI-Express x1 interface Supports 100 / 1.000 MBit/s operation Supports Wake-on-LAN (WOL)
Firewire-Controller	Firewire controller VIA VT6308P IEEE1394 OHCI V1.0 compliant with 2 Firewire connectors (front and rear) supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate
Drive connectors	2x Serial-ATA II, 3 Gbit/s (300 MB/s) bandwidth, supports NCQ 2x external Serial ATA (eSATA) Supports RAID operating modes: 0, 1, 0+1, 5, JBOD 1 x IDE UltraDMA 133 drives 1 x floppy disk drive
Front panel connectors	Microphone Headphone (Line-out) 2x USB 2.0 Firewire (Mini 4 pin connector) Speed-Link button Fingerprint recognition Bluetooth indicator Wireless LAN indicator Power button Reset button Power indicator (blue LED) HDD indicator (orange LED)

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Back panel connectors	HDMI (DVI adapter included) Sub-D VGA 4x USB 2.0 2x External Serial ATA (eSATA) GigaBit LAN (RJ45) IEEE1394 Firewire (6 pin) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) Optical S/PDIF output (optional input) Audio Line-in CMOS button Wireless LAN antenna optional parallel port (PC8)
Other connectors	2x fan connectors (4 pin) 4x USB 2.0 (two 1x5 pins and one 2x5 pins) PS/2 keyboard and mouse headers
Accessories	Multi-language XPC installation guide Installation guide for Wireless LAN and Bluetooth Driver CDROM for Windows XP/Vista (32/64 bit) plus software for Bluetooth, Wireless LAN and Fingerprint recognition Bonus CD (PC-cillin 2007, Adobe Reader) HDMI to DVI converter Cable for FDD (1x), SATA (1x), PATA (1x) Power cord, Screws, Heatsink Compound

*) Overclocking Warning
Please realize that there is a certain risk involved with overclocking, including adjusting the setting in the BIOS or using the third-party overclocking tools. Overclocking may affect your system stability, or even cause damage to the components and devices of your system. It should be done at your own risk and expense. Shuttle is not responsible for possible damage caused by overclocking.

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